

COIL FOR COOLANT CIRCULATION, METHOD FOR MAKING SAME
AND REACTOR COMPRISING SAME

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Abstract of the Disclosure

This invention relates to a coil comprising a first helical tube segment
10 (511) and a second helical tube segment (512, 513) extending, parallel to the
first helical segment (511), between a distributor (53) and a manifold (54), said
first and second helical segments (511, 512, 513) being centred on a common
geometrical axis (X_5), with substantially the same bending radius (R_1) and
nested, such that they form together a globally cylindrical bundle (51). The
15 method comprises a step which consists in interleaving the helical tube
segments (511-513) so as to form a globally cylindrical bundle. The invention
also concerns a reactor equipped with such a coil which can be used for treating
a viscous medium or for carrying out chemical reactions, such as 6-6 polyamide
polymerization.

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